

**Due by March 31, 2012**

**Notice:** Pursuant to s. NR 216.07(8), Wis. Adm. Code, an owner or operator of a Municipal Separate Storm Sewer System (MS4) is required to submit an annual report to the Department of Natural Resources (DNR) by March 31 of each year to report on activities for the previous calendar year. This form is being provided by the DNR for the user's convenience. Personal information collected will be used for administrative purposes and may be provided to the extent required by Wisconsin's Open Records Law [ss. 19.31-19.39, Wis. Stats.].

This form is for reporting on activities undertaken in calendar year 2011.

**Instructions:** Complete each section of the form that follows. If additional space is needed to respond to a question, attach additional pages. Provide descriptions that explain the program actions taken to comply with the general permit. Complete and submit the annual report by March 31, 2012, to the appropriate address indicated on the last page of this form.

**SECTION I. Municipal Information**

Name of Municipality VILLAGE OF STURTEVANT		Facility ID No. (FIN)	
Mailing Address 2801 - 89 <sup>TH</sup> STREET	City STURTEVANT	State WI	Postal Code 53177
County(s) in which Municipality is located RACINE	Type of Municipality: (check one) <input type="checkbox"/> County <input type="checkbox"/> City <input checked="" type="checkbox"/> Village <input type="checkbox"/> Town <input type="checkbox"/> Other (specify)		

**SECTION II. Municipal Contact Information**

Name of Municipal Contact Person CHARLES R STACHOWSKI		Title DIRECTOR OF PUBLIC WORKS	
Mailing Address 2801 - 89 <sup>TH</sup> STREET	City STURTEVANT	State WI	Postal Code 53177
E-mail Address publicworks@sturtevant-wi.gov	Telephone No. (include area code) (262) 886-2862	Fax No. (include area code) (262) 886-7205	

**SECTION III. Certification**

*I hereby certify that I am an authorized representative of the municipality covered under MS4 General Permit No. WI-S050075-1 for which this annual report is being submitted and that the information contained in this document and all attachments were gathered and prepared under my direction or supervision. Based on my inquiry of the person or persons under my direction or supervision involved in the preparation of this document, to the best of my knowledge, the information is true, accurate, and complete. I further certify that the municipality's governing body or delegated representatives have reviewed or been apprised of the contents of this annual report. I understand that Wisconsin law provides severe penalties for submitting false information.*

Authorized Representative Printed Name CHARLES R. STACHOWSKI	Authorized Representative Title DIRECTOR OF PUBLIC WORKS	
Authorized Representative Signature	Date Signed 16 MAR 12	
E-mail Address publicworks@sturtevant-wi.gov	Telephone No. (include area code) (262) 886-2862	Fax No. (include area code) (262) 886-7205

**SECTION IV. General Information**

a. Describe what efforts the municipality has undertaken to invite the municipal governing body, interest groups, and the general public to review and comment on the annual report.

The Director of Public Works presents an annual summary in January along with this report to the Board of Trustees in March. Several times every month, the Director provides a report and updates to the Storm and Waste Water Committee and the Board of Trustees. As situations dictate, the Director sends out emails with updates to committee members and the Board. The Village's Engineering firm periodically presents storm water project status and compliance updates. The Village Clerk post announcements of all meetings and hearings weekly. All meetings are open to the general public. The general public or any interested group(s) is invited to provide comments and input to Stormwater discussions/plans. Minutes of the meeting and report are public record and available. Resolutions and ordinance information is posted on the Village Webpage.

The Village has a Stormwater webpage with information and links to various municipal ordinances, state and federal sponsored Stormwater webpages.

b. Describe how elected and municipal officials and appropriate staff have been kept apprised of the municipal storm water discharge permit and its requirements.

The Director of Public Works is the primary person for receiving and transmitting information from various organizations to include the DNR to Village staff and Board members. The Director attends various meetings and workshops on Stormwater Topics and Village public effort programs (South East (SE) Wisc Clean Water Network). Information is then brought back for staffing and reported to the Board for action or for informational purposes, if required. As mentioned above, the Director will send out emails to Committee and Board Members as the situation dictates.

c. Has the municipality prepared its own municipal-wide storm water management plan? ☐ Yes ☒ No

If yes, title and date of storm water management plan:

d. Has the municipality entered into a written agreement with another municipality or a contract with another entity to perform one or more of the conditions of the general permit as provided under Section 2.10 of the general permit? ☒ Yes ☐ No

If yes, describe these cooperative efforts:

In 2006, the Village of Sturtevant and the Village of Mount Pleasant agreed to work together on stormwater management. Both villages passed a joint resolution - Joint Resolution 2006-66 A JOINT RESOLUTION OF THE VILLAGE OF STURTEVANT AND VILLAGE OF MOUNT PLEASANT FORMALIZING A WORKING RELATIONSHIP AND UNDERSTANDING FOR STORMWATER MANAGEMENT OF THE PIKE RIVER WATERSHED WHICH DIRECTLY RELATES TO THE PIKE RIVER RESTORATION PROJECT. In 2008, the Village of Sturtevant passed a resolution to join the SE Wisc Clear Water Network (Resolution 2008-16) which addresses public information and education requirements as prescribed by NR 216. This contract was renewed in 2011 (Resolution 2011-02). The Village continues to work with the City of Racine Water Utility in operating a Household Hazardous Waste Disposal Site for residents to dispose of hazardous waste that otherwise might be disposed of in storm sewer drains.

e. Does the municipality have an internet website? ☒ Yes ☐ No

If yes, provide web address:  
[www.sturtevant-wi.gov](http://www.sturtevant-wi.gov)

If the municipality has an internet website, is there current information about or links provided to the MS4 general permit and/or the municipality's storm water management program? ☒ Yes ☐ No

If yes, provide web address:  
[http://www.sturtevant-wi.gov/index.php/Storm\\_Water\\_Utility](http://www.sturtevant-wi.gov/index.php/Storm_Water_Utility)



**SECTION V. Permit Conditions**

a. Minimum Control Measures: For each of the permit conditions listed below, provide a description of the status of implementation of program elements, the status of meeting measurable goals, and compliance with permit schedule in section 3 of the MS4 general permit. Provide an evaluation of program compliance with the general permit, the appropriateness of identified best management practices, and progress towards achieving identified measurable goals. Be specific in describing the actions that have been taken during the reporting year to implement each permit condition and whether measurable goals have been met, including any data collected to document a measurable goal. Also, explain the reasons for any variations from the compliance schedule in the MS4 general permit.

- **Public Education and Outreach**

The Village of Sturtevant is a member of the SE Wisc Clearwater Network, which is a network, working in conjunction with 18 other municipalities and state agencies, on public education projects. In 2011, the network sponsored a number of radio commercial spots that played in the greater SE Region of Wisconsin. Additionally, the Dir of Public Works periodically provides residents information on Stormwater issues in the Village Newsletter. A Stormwater Brochure is available on the Village Webpage. In addition, the Director has participated in the Pike River Restoration working group that has met monthly since October 2011. The goal is to inform people and develop a restoration plan to clean and restore the Pike River.

- **Public Involvement and Participation**

As mentioned, the Village utilizes and promotes a number of means to get public involvement and participation. The village has worked with local businesses to develop walking paths that connect storm detention ponds with the rest of the village. The detention ponds have informational plaques / stands on type of vegetation and purpose of the pond. Numerous residents and employees utilize these paths on a daily basis, particularly during the spring, summer, and fall months.

- **Illicit Discharge Detection and Elimination**

Chapter 15 (Erosion Control) and Chapter 21 (Stormwater) of the Village Municipal Code of Ordinances governs the Village regulatory requirements. Both were developed with assistance from the DNR to ensure regulatory requirements were met in 2008. The Village continues to monitor its stormwater system and retention ponds as prescribed by the permit. In 2011, the village took samples at five locations. Three of the five sites were annual sample sites due to the type of composition, potential for illicit discharge occurring, and size of service area feeding into these locations (outfalls). The plan is to continue sampling the three designated annual sites along with one to two additional samples annually on a rotating basis for areas that have a lower potential for illicit discharge occurring.

- **Construction Site Pollutant Control**

The village monitors construction sites to insure policies and practices regarding Construction Site Control are being enforced. The Village Engineering firm and the building inspector are responsible for conducting site inspections (erosion control) and enforcing corrective action as needed. The building inspector performed 14 erosion control inspections and the Engineering firm conducted 40 site inspections in 2011. In addition, the Director will conduct impromptu site inspections during his normal work day. He would address any deficiencies with the appropriate site inspector to take corrective action, if required.

- **Post-Construction Storm Water Management**

Post-Construction Storm Water Management is managed by two general means within the Village of Sturtevant. The first means of management is by Village staff passively monitoring and identifying issues with the Stormwater System in the course of their normal duty day. Items identified are addressed by the Director with the appropriate individual(s) or agencies that have authority or ownership of the problem. The second means of management is by complaints. As individual(s) or organization(s) identify an issue, then the Director of Public Works investigates and addresses the issue with the appropriate individual(s) and agencies having duly authorized control over the issue. Chapter 15 of the Code of Ordinance is the authority by which Post-Construction Stormwater is managed.

- **Pollution Prevention**

The village continues to have an active street sweeping program. In 2011, the sweeper logged 1,583 miles of Village Streets being cleaned, picking up 531 cu yd of debris. This debris was disposed at a Kestral Hawk Landfill. Additionally, Village employees will report any construction debris during their day to day operations to the Director. The director will address the issue with the violator to ensure proper tracking pads and clean up is done within specified timelines.

b. Storm Water Quality Management: Has the municipality completed a pollutant-loading analysis to assess compliance with the 20% TSS reduction developed urban area performance standard? ☒ Yes ☐ No

If yes, provide the following: Model used SLAMM Version 9.3 Reduction (%) 38%

If no, include a description of any actions the municipality has undertaken during 2011 to help achieve the 20% standard.

Has the municipality completed an evaluation of all municipal owned or operated structural flood control facilities to determine the feasibility of retrofitting to increase TSS removal? ☐ Yes ☒ No If yes, describe:

c. Best Management Practices Maintenance: Does the municipality have a maintenance program for installed storm water best management practices? ☐ Yes ☒ No

If yes, describe the maintenance program. If available, attach any additional information on the maintenance program.

d. Storm Sewer System Map: Describe any changes or updates to the storm sewer system map made in the reporting year. Provide an updated map if any changes occurred during the reporting year.

The Village updated its GIS mapping program last year and are incorporating historical inspections and repair information on its mapping program. The map is continually updated as the year goes on. A separate CD is being provided with the mapping data and changes made in 2011.

**SECTION VI. Fiscal Analysis**

a. Provide a fiscal analysis that includes the annual expenditures for 2011, and the budget for 2011 and 2012. A table to document fiscal information is provided on page 6.

b. What financing/fiscal strategy has the municipality implemented to finance the requirements of the general permit?

☒ Storm water utility   ☐ General fund   ☒ Other TID and Bonds

c. Are adequate revenues being generated to implement your storm water management program to meet the permit requirements? ☒ Yes   ☐ No

Please provide a brief summary of your financing/fiscal strategy and any additional information that will assist the Department in understanding how storm water management funds are being generated to implement and administer your storm water management program.

The Storm & Waste Water Committee has oversight of the management and policies regulating the Utility. The Director of Public Works has direct day-to-day management and supervision of operations of the Utility. The Director reports back to the committee and Board of Trustees. While the Utility has it's own budget, revenues are primarily generated by an annual fee. The fee structure is reviewed annually. General revenue derived from the annual fee is used to off-set operational cost associated with maintenance of the system. Capital construction and upgrades are done utilizing either bonds, operational, TID funds or a combination of all three. Recent pond construction in the TID district were financed by the TID district.

**SECTION VII. Inspections and Enforcement Actions**

**Note: If an ordinance listed below has previously been submitted and has not been amended since that time, a copy does not need to be submitted again. If the ordinance was previously submitted, indicate such in the space provided.**

a. As of the date of this annual report, has the municipality adopted a construction site pollutant control ordinance in accordance with subsection 2.4.1 of the general permit? ☒ Yes   ☐ No   If yes, attach copy or provide web link to ordinance:

Previously submitted.

b. As of the date of this annual report, has the municipality adopted a post-construction storm water management ordinance in accordance with subsection 2.5.1 of the general permit? ☒ Yes   ☐ No   If yes, attach copy or provide web link to ordinance:

Previously submitted.

c. As of the date of this annual report, has the municipality adopted an illicit discharge detection and elimination ordinance in accordance with subsection 2.3.1 of the general permit? ☒ Yes   ☐ No   If yes, attach copy or provide web link to ordinance:

Previously submitted.

d. As of the date of this annual report, has the municipality adopted any other ordinances it has deemed necessary to implement a program under the general permit (e.g., pet waste ordinance, leaf management/yard waste ordinance, parking restrictions for street cleaning, etc.)? ☒ Yes   ☐ No   If yes, attach copy or provide web link to ordinance:

Previously submitted.

e. Provide a summary of available information on the number and nature of inspections and enforcement actions conducted during the reporting period to ensure compliance with the ordinances described in a. to d. above.

The building inspector annotated 14 inspections and enforcement actions on compliance with erosion control and stormwater policies. Additionally, the Village Engineering Firm conducted 40 inspections as well as held construction meetings. Erosion control measures were discussed at each of the meetings held with contractors. The Director of Public Works participates in these meetings. Deficiencies noted were communicated by either email, verbally, or by letter to the developer or contractor for corrective action with a follow up inspection to ensure compliance. Documentation are not kept in one location and are associated with individual projects. The Director of Public Works participated in the construction meetings with the Village Engineering firm. The building inspector conducted residential home inspections on his own.

**SECTION VIII. Water Quality Concerns**

a. Does any part of the MS4 discharge to an outstanding resource water (ORW) or exceptional resource water (ERW) listed under s. NR 102.10 or 102.11, Wis. Adm. Code? (A list of ORWs and ERWs may be found on the Department's Internet site at: <http://dnr.wi.gov/org/water/wm/wqs/orwerw/>) ☐ Yes ☒ No If yes, list:

b. Does any part of the MS4 discharge to an impaired waterbody listed in accordance with section 303(d)(1) of the federal Clean Water Act, 33 USC § 1313(d)(1)(C)? (A list of the most current Wisconsin impaired waterbodies may be found on the Department's Internet site at: <http://dnr.wi.gov/org/water/wm/wqs/303d/303d.html>) ☒ Yes ☐ No If yes, complete the following:

- Impaired waterbody to which the MS4 discharges:

Waxdale Creek and North Branch of the Pike River

- Description of actions municipality has taken to comply with section 1.5.2 of the MS4 general permit for discharges of pollutant(s) of concern to an impaired waterbody:

Within the Waxdale watershed, the Village has a street sweeping program to limit the amount of debris from entering the creek. Likewise, the same holds true for the Pike River Watershed which Waxdale Creek feeds into as well as the Chicory Creek Watershed on the southside of the Village. In 2011, the Village swept 1,583 miles of roadway. The Village also constructed a 55 acre Stormwater Detention basin with multiple ponds in the Southwest side of the Village along County Trunk Highway H south of State Highway 11. This pond eventually feeds directly into the Pike River via a Storm Sewer system.

c. Identify any known water quality improvements in the receiving water to which the MS4 discharges during the reporting period.

None Known

d. Identify any known water quality degradation in the receiving water to which the MS4 discharges during the reporting period and what actions are being taken to improve the water quality in the receiving water.

None Known

**SECTION IX. Proposed Program Changes**

a. Describe any proposed changes to the storm water management program being contemplated by the municipality for 2012 and the schedule for implementing those changes. Proposed program changes must be consistent with the requirements of the general permit.

There are no planned program changes at the present time. We will continue to monitor and implement changes if required.



**Fiscal Analysis Table.** Complete the fiscal analysis table provided below.

Program Element	Annual Expenditure		Budget		Source of Funds
	2011	2011	2012		
Public Education and Outreach	\$1,809.00	\$2,250.00	\$2,250.00		Operational Stormwater Fund
Public Involvement and Participation	\$100	\$0	\$0		Operational Stormwater Fund - Pay as Item is needed. There is no set budget.
Illicit Discharge Detection and Elimination	\$0	\$1,500.00	\$1,000		Operational Stormwater Fund Does not include Salaries - Salaries are not broken out by Program Element - See Other below.
Construction Site Pollutant Control	\$0	\$2,000.00	\$2,000.00		Operational Stormwater Fund and TID Funding Pay Items as needed. No Set Budget. Building Inspector oversees erosion control measures and his cost are built into other program elements (ie. storm water mgmt).
Post-Construction Storm Water Management	\$32,176.00	\$10,000.00	\$20,000.00		Operational Stormwater Fund
Pollution Prevention	\$142,113.26	\$40,000.00	\$100,000.00		Operational Stormwater Fund for Sweeper Operations General Fund for Grass/Yardwaste/Leaf Pick-up
Storm Water Quality Management (including pollutant-loading analysis)	\$1,487,778.17	\$1,000,000.00	\$200,000.00		Operational Stormwater Fund for day-to-day operations. TID and Bond Funding for construction of the new detention pond in 2011. Completion of access road is scheduled for Spring 2012.
Storm Sewer System Map	\$1,005.00	\$1,000.00	\$1,000.00		Actual expenses for GIS is incorporated with cost of actual construction projects and not itemized here. TID, Bond, and Operational Stormwater Funds are used.
Other	\$69,143.42	\$50,000.00	\$50,000.00		Operational Stormwater Fund - The amts in this category are salaries and benefits. Salaries are not itemized across the various program elements. Additionally, cost vary from year to year dependent on system repairs required (ie. Sewer pipe repairs).

NORTHERN REGION COUNTIES			WEST CENTRAL REGION COUNTIES		
Ashland	Langlade	DNR Service Center	Adams	Marathon	DNR Service Center
Barron	Lincoln	1701 N. 4th Street	Buffalo	Monroe	5301 Rib Mountain Rd.
Bayfield	Oneida	Superior, WI 54880	Clark	Portage	Wausau, WI 54401
Burnett	Polk	Phone: (715) 392-7988	Crawford	Trempealeau	Phone: (715) 359-4522
Douglas	Price		Jackson	Vernon	
Florence	Rusk		Juneau	Wood	
Forest	Sawyer		La Crosse		
Iron	Taylor				
	Vilas				
	Washburn		Chippewa	Pepin	DNR Service Center
			Dunn	Pierce	890 Spruce St.
			Eau Claire	St. Croix	Baldwin, WI 54002
					Phone: (715) 684-2914
NORTHEAST REGION COUNTIES			SOUTH CENTRAL REGION COUNTIES		
Brown	Marquette	DNR Northeast Region	Columbia	Jefferson	DNR South Central Region
Calumet	Menominee	2984 Shawano Ave.	Dane	LaFayette	3911 Fish Hatchery Rd.
Door	Oconto	Green Bay, WI 54313	Dodge	Richland	Fitchburg, WI 53711
Fond du Lac	Outagamie	Phone: (920) 662-5100	Grant	Rock	Phone: (608) 275-3266
Green Lake	Shawano		Green	Sauk	
Kewaunee	Waupaca		Iowa		
Manitowoc	Waushara				
Marinette	Winnebago				
SOUTHEAST REGION COUNTIES					
Kenosha	Sheboygan	DNR Service Center			
Milwaukee	Walworth	141 NW Barstow Street,			
Ozaukee	Washington	Room 180			
Racine	Waukesha	Waukesha, WI 53188			
		(262) 574-2100			